<110>   KIM, Dong-Soo
         NAM, Yoon-Kwon
         NOH, Jae-Koo

<120>   EXPRESSION VECTOR CONTAINING LECTIN GENE REGULATION SITE OF MUD
         LOACH

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ggaaccgact tattcggtta atcgtattct ggactccaga cggaggggac gcggatttca   300

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catactggat caccgcctta tcgatgttta caatcaacag gtaaagcagg ctgggaacgt   420

caaggggcgt tcctagggga gggggtactg tcacggtagg aaatcctctg tttcctccgt   480

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aagacatgag tcaataaaaa tatgtaaaac atccataaat gtaaaatata ctgaaagaaa          2040

tgtgaacaca gaaaagtgtt catgtgtcag atcaggatgt ttattttgat aaccatcaca          2100

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4

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aaaaatgctt ctttgcatga tcacacacat taaagaaaca cactaaaaat acaaaaataa      1980

acaaatctat atatgcaata tatttatata aaatacttgc aataaacagt aaaataacaa      2040

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                               Met Ala Val Met Arg Ala Leu Val
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6

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                                    His Arg Cys Pro His Gly Trp Thr
                                     1               5


ccc ttt ggt gtg caa tgc tac aaa ttc ttc tct cag tca gtt gac tgg          2766
Pro Phe Gly Val Gln Cys Tyr Lys Phe Phe Ser Gln Ser Val Asp Trp
     10              15              20


atc aca gct gag    gt actgttattc agttattcaa attgttgaat aagaatactc        2820
Ile Thr Ala Glu

    25


aatgtcatga tccaagctga aacagattag attttatatt tgcaataaaa taatctctct       2880


ctctttag   aaa aac tgt caa tct att gat gct aat ctt gca tct gtg cgc      2930
            Lys Asn Cys Gln Ser Ile Asp Ala Asn Leu Ala Ser Val Arg
             1               5               10


agt aca atg gaa cac aac ttt ctc ctg agt ctg att gtg tct gct aac         2978
Ser Thr Met Glu His Asn Phe Leu Leu Ser Leu Ile Val Ser Ala Asn
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aca cgt gtt tgg att ggt ggc cat gat ggt gaa act gtaagt cattttgctc       3030
Thr Arg Val Trp Ile Gly Gly His Asp Gly Glu Thr
                35              40


tgaaatgctg atattgtcat ggctagtctg aaattaatgc tttaattata aaactgattt       3090


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7

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        5                 10                15


gga gaa cct agc aat aat ttt ggt aaa gag aac tgc ctg gag ata aac          3302
Gly Glu Pro Ser Asn Asn Phe Gly Lys Glu Asn Cys Leu Glu Ile Asn
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Phe Thr Arg


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                       1                 5                10


aca atc agc tac att tgt gcc caa cct att aga tca    tgaa aaatcaatct      4000
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8

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<213> Misgurnus mizolepis

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Glu Ser Ala Pro Gly
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<213> Misgurnus mizolepis

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Phe Phe Ser Gln Ser Val Asp Trp Ile Thr Ala Glu
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Val Trp Ile Gly Gly His Asp Gly Glu Thr
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 1   5   10   15

Trp Cys Pro Gly Glu Pro Ser Asn Asn Phe Gly Lys Glu Asn Cys Leu
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Glu Ile Asn Phe Thr Arg
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<210> 7
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<212> PRT
<213> Misgurnus mizolepis

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Cys Ala Gln Pro Ile Arg Ser
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ggaaaagtga cacatctgc                                                  19



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         loach


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ggaaaagtga cacatctgc                                                  19



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<220>
<223> primer for detecting a BFP gene

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<210> 12
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<220>
<223> primer for detecting a CAT gene

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<212>   DNA
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<210>   16

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<210>   18
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